

# IIM7000

IIM7000 is a module that is integrated W3100A with Ethernet PHY.

It's used as module like a component, no effort is required to interface W3100A and PHY chip. So users can design quickly and easily and save the cost and time.

## Advantages

Easy design-win by reusing drop-in network module

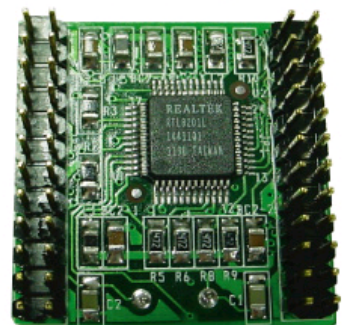
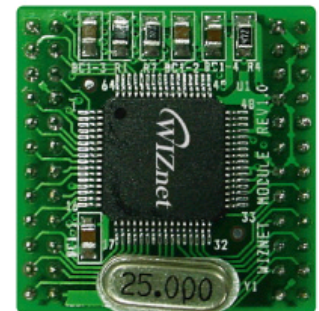
Users don't need to know details of network circuits

Auto-detects 10/100 Mbps Ethernet speed

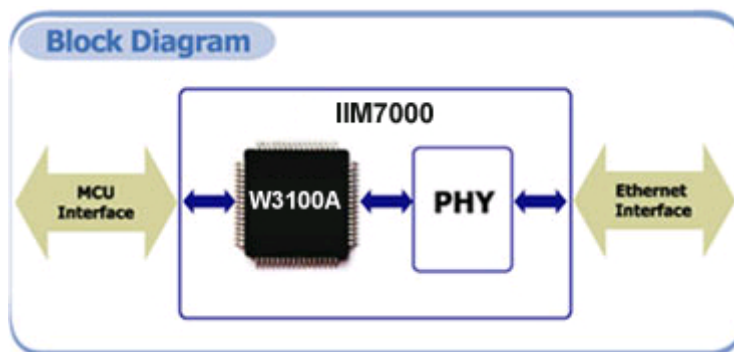
## Component

TCP/IP:W3100A

Ethernet physical layer:RTL8201L



## Block Diagram



### IIM7000 Pin description

Pin #	Signal	I/O	Description
1,48	3.3V		Power
2	/INT	O	Interrupt signal
3	/WR	I	Write signal
4	/RD	I	Read signal
5	/CS	I	Chip select signal
6	RESET	I	High active
7,10,9,12,11,14,15~23	A14~A9,A8~A0	I	Address signal
8,13,24,25,28,31,37,38,47	GND		Ground
26	/RESET	I	Low active
27	TPTX+	O	Network signal
29	TPTX-	O	Network signal
33	TPRX+	I	Network signal
35	TPRX-	I	Network signal
45,46,43,44,41,42,39,40	D7~D0	I/O	Data signal
30	/COL_LED	O	Led signal(Collision)
32	/100_LED	O	Led signal(100M)
34	/10_LED	O	Led signal(10M)
36	/LINK_LED	O	Led signal(Link)

### IIM7000 Module Dimension

